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Application Number	10036566
Filing Date	2001-12-21
First Named Inventor	Eric J. Horvitz, et al.
Art Unit	2143
Examiner Name	Alina A. Boutah
Attorney Docket Numb	er MS177851.01/MSFTP954US

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ANB	1	T. JOACHIMS, Text categorization with support vector machines: learning with many relevant features, Machine Learning, European Conference on Machine Learning, April 21, 1998, pp. 137-142.									
and	2	nternational Search Report dated September 29, 2003 for PCT Application Serial No. 00/20685, 3 Pages.									
Sus	3	ROBERT M. LOSEE, JR., Minimizing information overload: the ranking of electronic messages, Journal of Information Geience 15, Elsevier Science Publishers B.V., 1989, pp. 179-189.									
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•	Application Number		10036566		
INCORMATION PICOLOGUES	Filing Date		2001-12-21		
INFORMATION DISCLOSURE	First Named Inventor	Eric J	l. Horviz		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2143		
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	Attorney Docket Number	er	MS177851.01/MSFTP954US		

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ANB	1	20040143636		2004-0	7-22	Horvitz, et al.					
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NEODMATION DIOCLOSUDE	Filing Date		2001-12-21	
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(Not lot bubillions)	Examiner Name	Alina	A. Boutah	
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Examine Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
ANB	1	6513046		2003-01-28	Abbott III, et al.	
	2	6747675		2004-06-08	Abbott, et al.	
	3	6801223		2004-10-05	Abbott, et al.	
	4	6842877		2005-01-11	Robarts, et al.	
	5	6466232		2002-10-15	Newell, et al.	
	6	6549915		2003-04-15	Abbott III, et al.	
	7	6791580		2004-09-14	Abbott, et al.	
	8	6812937		2004-11-02	Abbott, et al.	

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Art Unit		2143			
Examiner Name	Alina	A. Boutah			
Attorney Docket Number		MS177851.01/MSFTP954US			

ANB	9	5603054		1997-02-11	Theimer, et al.	,
	10	5555376		1996-09-10	Theimer, et al.	
	11	5611050		1997-03-11	Theimer, et al.	
	12	5544321	•	1996-08-06	Theimer, et al.	
	13	5493692		1996-02-20	Theimer, et al.	
	14	5859979		1999-01-12	Tung, et al.	
	15	5963910		1999-10-05	Ulwick	
	16	6032189		2000-02-29	Jinzenji, et al.	
	17	6044486		2000-03-28	Underseth	
	18	6181684		2001-01-30	Turcotte, et al.	
	19	6212550		2001-04-03	Segur	·

Application Number		10036566			
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Art Unit	4	2143			
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Attorney Docket Number		MS177851.01/MSFTP954US			

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ANB	20	6493685		2002-12-10	Ensel, et al.			
	21	4672632		1987-06-09	Anderson			
	22	5790801		1998-08-04	Funato			
	23	5960423		1999-09-28	Chaudhuri, et al.			
	24	6654734		2003-11-25	Mani, et al.			
	25	6738931		2004-05-18	Osborn, et al.			
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Releva	Columns, nt Passag Appear	Lines where Jes or Relevant
AUB	1	20010040591		2001-11-15	Abbott, et al.			
AMB	2	20010043232		2001-11-22	Abbott, et al.			
ANB	3	20020044152		2002-04-18	Abbott III, et al.			
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Examiner Name Alina		A. Boutah		
Attorney Docket Numb	er	MS177851.01/MSFTP954US		

ANB	4	20020052963	2002-05-02	Abbott, et al.	,
	5	20020054174	2002-05-09	Abbott, et al.	
	6	20020080155	2002-06-27	Abbott, et al.	
	7	20020083025	2002-06-27	Robarts, et al.	
	8	20020087525	2002-07-04	Abbott, et al.	
	9	20030046401	2003-03-06	Abbott, et al.	
	10	20050034078	2005-02-10	Abbott, et al.	
	11	20010040590	2001-11-15	Abbott, et al.	
	12	20010043231	2001-11-22	Abbott, et al.	
	13	20020032689	2002-03-14	Abbott III, et al.	
	14	20020052930	2002-05-02	Abbott, et al.	

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Attorney Docket Number		MS177851.01/MSFTP954US	

AY8	15	20020054130	2002-05-09	Abbott III, et al.
	16	20020078204	2002-06-20	Newell, et al.
	17	20020080156	2002-06-27	Abbott, et al.
	18	20020083158	2002-06-27	Abbott, et al.
	19	20020099817	2002-07-25	Abbott, et al.
	20	20030154476	2003-08-14	Abbott III, et al.
	21	20020118772	2002-08-29	Lin
	22	20020161862	2002-10-31	Horvitz
	23	20020174199	2002-11-21	Horvitz
	24	20030004679	2003-01-02	Tryon, et al.
-	25	20030097485	2003-05-22	Horvitz, et al.

Application Number		10036566	
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ANB	1	ANDY HARTER, et al., A Distributed Location System for the Active Office, IEEE Network, 1994, pp. 62-70.						
	2	GUANLING CHEN, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.						
	3	WILLIAM NOAH SCHILT, A System Architecture for Context-Aware Mobile Computing, Columbia University, 1995, 153 pages.						
	4	MIKE SPREITZER, et al., Providing Location Information in a Ubiquitous Computing Environment, SIGOPS '93, 1993, pp.270-283.						
	5	MARVIN THEIMER, et al., Operating System Issues for PDAs, In Fourth Workshop on Workstation Operating Systems, 1993, 7 pages.						
	6	ROY WANT, Active Bad Electronics, 1992, 11 pa	ges and Personal ges, Vol. 38 - No.	Interacti 1.	ve Computing C	Objects, IEEE Transactions of	on Consumer	

Application Number	· -	10036566	-	
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Attorney Docket Numb	er	MS177851.01/MSFTP954US		

An	1B	7	BILL N. SCHILIT, et al., The ParcTab Mobile Computing System, IEEE WWOS-IV, 1993, 4 pages.	
1		8	BILL SCHILIT, et al., Context-Aware Computing Applications, In Proceedings of the Workshop on Mobile Computing Systems and Applications, December 1994. pp. 85-90.	
		9	BILL N. SCHILIT, et al., Customizing Mobile Applications, Proceedings USENIX Symposium on Mobile and Location Independent Computing, August 1993, 9 pages.	
		10	MIKE SPREITZER, et al., Architectural Considerations for Scalable, Secure, Mobile Computing with Location Information, In The 14th International Conference on Distributed Computing Systems, June 1994, pages 29-38.	
		11	MIKE SPREITZER et al., Scalable, Secure, Mobile Computing with Location Information, Communications of the ACM, July 1993, 1 page, Vol. 36 - No. 7.	
		12	ROY WANT, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10 - No. 1.	
·		13	MARK WEISER, Some Computer Science Issues in Ubiquitous Computing, Communications of the ACM, July 1993, pp. 75-84, Vol. 36 - No. 7.	
		14	M. BILLINGHURST, et al., An Evaluation of Wearable Information Spaces, Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pages.	
		15	BRADLEY J. RHODES, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application Of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.	
		16	ERIC HORVITZ, et al., In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models, 1995, 8 pages.	
	,	17	BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Theory, The Proceedings of The First International Symposium on Wearable Computers, October 1997, pp. 123-128.	

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Attorney Docket Numb	er	MS177851.01/MSFTP954US		

ANB	18	ERIC HORVITZ, et al., Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.						
	19	BILL N. SCHILIT, et al., Disseminationg Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, Vol. 8 - No. 5.						
	20	MARK BILLINGHURST, et al., Wearable Devices: New Ways to Manage Information, IEEE Computer Society, January 1999, pp. 57-64.						
	21	THAD EUGENE STARNER, Wearable Computing and Contextual Awareness, Massachusetts Institute of Technology, June 1999, 248 pages.						
	22	BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Memory, Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.						
	23	Workshop on Wearable Computing Systems, August 19-21, 1996.						
	24	MARK BILLINGHURST, Research Directions in Wearable Computing, University of Washington, May, 1998, 48 pages.						
1	25	Mark Weiser, The Computer for the 21st Century, Scientific American, September 1991, pp. 94-104, Vol. 265 - No. 3.						
If you wis	h to ac	d additional non-patent literature document citation information please click the Add button Add						
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